

## **FACILITY PERMIT TO OPERATE**

**HONEYWELL INTERNATIONAL INC  
2525 W 190TH ST DEPT 62 T 19  
TORRANCE, CA 90504**

### **NOTICE**

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By \_\_\_\_\_  
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance

# FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

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## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: DEGREASING &amp; CLEANING LINE OPERATION</b>					
<b>System 3: SALT DISSOLVING LINE - 1</b>					
PROCESS TANK, UNHEATED, NITRIC ACID A/N: 179556	D27				
PROCESS TANK, UNHEATED, PHOSPHORIC ACID A/N: 179556	D29				
<b>Process 2: COATING OPERATION</b>					
<b>System 1: SPRAY COATING</b>					
SPRAY COATING OPERATION, DEVILBISS, 8 FT 4 IN W. X 10 FT D. X 7 FT 2 IN H., WATER WASH, WITH SPRAY BOOTH A/N: 501166	D31			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.2, B59.9, D322.1, E145.1, H23.2, K67.3
SPRAY COATING OPERATION, TELKAMP, BENCH TYPE, MODEL NO. 2995-1, TWO 20 IN X 20 IN EXHAUST FILTERS, 6 FT 2 IN W. X 3 FT 6 IN D. X 4 FT 8 IN H., ONE 0.75 H.P. EXHAUST FAN, WITH SPRAY BOOTH A/N: 501167	D32			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.2, B59.9, C1.3, C6.4, D322.2, E175.1, H23.2, K67.4, K67.5, K67.9
SPRAY COATING OPERATION, BINKS, FLOOR TYPE, MODEL NO. 12-7-T, 12 FT W. X 12 FT 7 IN D. X 6 FT 10 IN H., WATER WASH, ONE 5 H.P. RECIRCULATING PUMP AND ONE 5 H.P. EXHAUST FAN, WITH SPRAY BOOTH A/N:	D33			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.2, C1.2, D322.1, E145.1, H23.2, K67.3, K67.9

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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<b>Process 2: COATING OPERATION</b>					
SPRAY COATING OPERATION, BINKS, FLOOR TYPE, MODEL NO. 12-7-T, 12 FT W. X 12 FT 7 IN D. X 6 FT 10 IN H., WATER WASH, ONE 5 H.P. EXHAUST FAN, ONE 5 H.P. RECIRCULATING PUMP, WITH SPRAY BOOTH A/N: 501168	D34			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.2, B59.9, C1.2, D322.1, E145.1, H23.2, K67.3, K67.9
SPRAY COATING OPERATION, BENCH TYPE, 3 FT W. X 3 FT 3 IN D. X 2 FT 1 IN H. WORKING DIMENSIONS, WITH TWO 20 IN X 20 IN EXHAUST FILTERS AND ONE 1.5 H.P. EXHAUST FAN, WITH SPRAY BOOTH A/N: 501169	D36			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.2, B59.9, C1.4, C6.4, D322.2, E175.1, H23.2, K67.4, K67.5, K67.9
SPRAY COATING OPERATION, BINKS, BENCH TYPE, MODEL BF-6-7-T-B, A 0.75 H.P. EXHAUST FAN, 6 FT W. X 5 FT 2 IN D. X 7 FT 2 IN H., SIX 20 IN X 20 IN EXHAUST FILTERS, WITH SPRAY BOOTH A/N: 501170	D38			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	A63.2, B59.14, C1.1, C6.4, D322.2, E175.1, H23.2, K67.4, K67.5, K67.9
SPRAY COATING OPERATION, BINKS, BENCH TYPE, MODEL BF-6-7-T-B, 6 FT W. X 5 FT 2 IN D. X 7 FT 2 IN H., SIX 20 X 20 EXHAUST FILTERS, WITH SPRAY BOOTH A/N: 148654	D39	C79		HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.9, C1.12, C6.4, D322.2, E175.1, H23.2, K67.4, K67.5

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
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(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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<b>Process 2: COATING OPERATION</b>					
SPRAY COATING OPERATION, BINKS, BENCH TYPE, MODEL BF-6-7-T-B, 6 FT W. X 5 FT 2 IN D. X 7 FT 2 IN H., SIX 20 X 20 EXHAUST FILTERS, WITH SPRAY BOOTH A/N: 148654	D40	C79		HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	B59.9, C1.12, C6.4, D322.2, E175.1, H23.2, K67.4, K67.5
<b>System 3: METAL POWDER APPLICATION SYSTEM</b>					
COATER, ROLLER, UNION TOOL CORP., MODEL C, SERIES # 45, 2FT 2 IN L. ROLLERS A/N:	D219				B59.11
HOPPER, NICKEL POWDER A/N:	D220			PM: (9) [RULE 405, 2-7-1986]	D323.1
APPLICATOR, NICKEL POWDER, CHRISTY MACHINE CO., COAT-O-MATIC, MODEL NO. 24-DE-S, WITH A 0.25 H.P. MOTOR A/N:	D221	C222		PM: (9) [RULE 405, 2-7-1986]	B59.12, C1.38, C1.40, D12.9, D323.2, K67.10
DUST COLLECTOR, NICKEL POWDER, TORRIT, MODEL NO. TD162, WITH 3 CARTRIDGE FILTERS, 8 IN DIA. X 16 IN L., 162 SQ. FT. TOTAL FILTER AREA, AND A PULSE JET CLEANER A/N:	C222	D221		PM: (9) [RULE 404, 2-7-1986]	C10.2, D322.4, E102.1, K67.4
PUMP, VACUUM, NICKEL POWDER A/N:	D226			PM: (9) [RULE 405, 2-7-1986]	D323.1, E133.1
HOPPER, TITANIUM POWDER A/N: 475878	D223			PM: (9) [RULE 405, 2-7-1986]	D323.1

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(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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<b>Process 2: COATING OPERATION</b>					
APPLICATOR, TITANIUM POWDER, CHRISTY MACHINE CO., COAT-O-MATIC, MODEL NO. 24-DE-S, WITH A 0.25 H.P. MOTOR A/N: 475878	D224	C225		PM: (9) [RULE 405, 2-7-1986]	B59.13, C1.39, C1.40, D12.9, D323.2, K67.10
DUST COLLECTOR, TITANIUM POWDER, TORRIT, MODEL NO. TD162, WITH 3 CARTRIDGE FILTERS, 8 IN DIA. X 16 IN L., 162 SQ. FT. TOTAL FILTER AREA, AND A PULSE JET CLEANER A/N: 475878	C225	D224		PM: (9) [RULE 404, 2-7-1986]	C10.2, D322.4, E102.1, K67.4
PUMP, VACUUM, TITANIUM POWDER A/N: 475878	D227			PM: (9) [RULE 405, 2-7-1986]	D323.1, E133.1
CONVEYOR A/N:	D228			PM: (9) [RULE 405, 2-7-1986]	D323.1
OVEN, CASSO-SOLAR, MODEL NO. FB QUART, WITH INFRARED HEATERS, 72 KW TOTAL A/N:	D229			PM: (9) [RULE 404, 2-7-1986]	D323.1
<b>Process 3: DRYING &amp; BAKING OVENS</b>					
OVEN, BAKING, 32 KW A/N: 177684	D44			PM: (9) [RULE 404, 2-7-1986]	C1.7, C6.3, D323.2
OVEN, BAKING, 70 KW A/N: 166389	D46			PM: (9) [RULE 404, 2-7-1986]	C6.3, D323.2, E71.3
OVEN, BAKING, 40 KW A/N: A45396	D48			PM: (9) [RULE 404, 2-7-1986]	D323.2
OVEN, BAKING, 105 KW A/N: 166391	D50			PM: (9) [RULE 404, 2-7-1986]	C6.1, D323.2, E71.2
<b>Process 4: TOLUENE SOLVENT RECLAIMING OPERATION</b>					

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(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
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<b>Process 4: TOLUENE SOLVENT RECLAIMING OPERATION</b>					
TANK, SURGE, TOLUENE A/N: 256014	D55				
TANK, HOLDING, TOLUENE A/N: 256014	D56				
<b>Process 7: PROCESS TANKS &amp; CONTROL EQUIPMENT</b>					
<b>System 1: C145 PASSIVATION LINE</b>					
SCRUBBER, AIRCHEM SYSTEM, MODEL XF-60, WIDTH: 5 FT 6 IN; HEIGHT: 6 FT 9 IN; LENGTH: 14 FT 8 IN A/N: 297540	C83	D157 D158 D159 D169		PM: (9) [RULE 404, 2-7-1986]	C8.2, C8.10, K67.7
<b>System 2: DIP TANKS OR PROCESS TANKS</b>					
PROCESS TANK, DIP, EPOXY A/N: 148660	D75	C79		HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	C1.12, E166.1, H23.3
PROCESS TANK, DIP, EPOXY A/N: 148659	D76	C79		HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; VOC: (9) [RULE 1124, 9-21-2001; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	C1.12, E166.1, H23.3
PROCESS TANK, HEATED, TK-1, SODIUM METASILICATE, SODIUM CARBONATE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297543	D156				
PROCESS TANK, UNHEATED, TK-4, NITRIC ACID, AMMONIUM BIFLUORIDE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297543	D157	C83			

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(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
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<b>Process 7: PROCESS TANKS &amp; CONTROL EQUIPMENT</b>					
PROCESS TANK, UNHEATED, TK-5, NITRIC ACID, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297543	D158	C83			
PROCESS TANK, HEATED, TK-38, SULFURIC ACID, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297545	D159	C83			
PROCESS TANK, HEATED, TK-41, ALUMINAX, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297545	D160				
PROCESS TANK, UNHEATED, TK-9, SODIUM METASILICATE, SODIUM CARBONATE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297547	D161				
PROCESS TANK, UNHEATED, TK-12, NITRIC ACID, SULFURIC ACID, FERRIC SULFATE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297547	D162	C155			
PROCESS TANK, UNHEATED, TK-13, NITRIC ACID, SULFURIC ACID, FERRIC SULFATE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297547	D163	C155			
PROCESS TANK, UNHEATED, TK-16, ALODINE 1200, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297547	D164	C155			

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(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 7: PROCESS TANKS &amp; CONTROL EQUIPMENT</b>					
PROCESS TANK, TK-20, SODIUM METAL SILICATE(ISOPREP-44), SODIUM CARBONATE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297546	D165				
PROCESS TANK, UNHEATED, TK-23, NITRIC ACID, AMMONIUM BIFLUORIDE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297546	D166	C155			
PROCESS TANK, HEATED, TK-24, NITRIC ACID, AMMONIUM BIFLUORIDE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297546	D167	C155			
PROCESS TANK, UNHEATED, TK-27, NITRIC ACID, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297546	D168	C155			
PROCESS TANK, HEATED, TK-28, NITRIC ACID, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297546	D169	C83			
PROCESS TANK, HEATED, TK-33, POTASSIUM PERMANGANATE, POTASSIUM HYDROXIDE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297546	D170				
PROCESS TANK, HEATED, STRIPPING, TK-44, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297544	D171				

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(7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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<b>Process 7: PROCESS TANKS &amp; CONTROL EQUIPMENT</b>					
PROCESS TANK, HEATED, TK-47, MINERAL OIL, ETHANOL AMINE, WIDTH: 4 FT ; HEIGHT: 4 FT 6 IN; LENGTH: 4 FT A/N: 297544	D172				
<b>System 3: WATER SPRAY CHAMBER</b>					
SCRUBBER, SPRAY CHAMBER, VENTING RULE 219 EXEMPT SALT BRAZING TANK, WIDTH: 5 FT 6 IN; HEIGHT: 6 FT 9 IN; LENGTH: 14 FT A/N: 140378	C78				C8.2, C8.10, K67.7
<b>System 4: CARBON ADSORBER</b>					
CARBON ADSORBER, LENGTH: 13 FT ; DIAMETER: 9 FT A/N: 148654	C79	D39 D40 D75 D76		HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; PM: (9) [RULE 404, 2-7-1986]	A72.1, D29.2, E193.1
<b>Process 8: MASS FLOW AIR HEATERS</b>					
HEATER, NO. 1, MASS FLOW, NATURAL GAS, T- THERMAL, MODEL NO.HDF 650-4613, WITH STEAM INJECTION SYSTEM AND CATALYTIC CONVERTER, 12 MMBTU/HR A/N: 299402	D104		NOX: LARGE SOURCE**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D328.1, E113.2

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<b>Process 8: MASS FLOW AIR HEATERS</b>					
HEATER, NO. 2, MASS FLOW, NATURAL GAS, T- THERMAL, MODEL NO. 905-5711, WITH STEAM INJECTION SYSTEM AND CATALYTIC CONVERTER, 14 MMBTU/HR A/N: 299403	D105		NOX: LARGE SOURCE**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D328.1, E113.2
HEATER, NO. 5, MASS FLOW AIR, NATURAL GAS, THERMAL RESEARCH AND ENGINE CO., MODEL NO. CDF-1080, WITH STEAM OR WATER INJECTION, 12.7 MMBTU/HR A/N: 299404	D85		NOX: LARGE SOURCE**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.1, D328.1, E113.1
HEATER, NO.6, MASS FLOW AIR, NATURAL GAS, THERMAL RESEARCH AND ENGINE CO., MODEL NO. CDF 1050, WITH STEAM OR WATER INJECTION, 13 MMBTU/HR A/N: 299405	D86		NOX: LARGE SOURCE**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.1, D328.1, E113.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 8: MASS FLOW AIR HEATERS</b>					
HEATER, NO. 7, NATURAL GAS, T-THERMAL, MODEL HDF980-6313, WITH FLUE GAS RECIRCULATION, STEAM OR WATER INJECTION, 15.75 MMBTU/HR A/N: 281676	D152		NOX: LARGE SOURCE**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.6, D328.1, E113.1
<b>Process 14: EXTERNAL COMBUSTION EQUIPMENT</b>					
BOILER, NO. 1, FUEL OIL NO. 2, NATURAL GAS, CLEAVER BROOKS, MODEL NO. 760-150, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 6.3 MMBTU/HR WITH A/N: 247230  BURNER, FUEL OIL NO. 2, NATURAL GAS, INDUSTRIAL COMBUSTION, MODEL NO.LND-845, WITH LOW NOX BURNER, 6.3 MMBTU/HR	D97		NOX: PROCESS UNIT**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 6.23 LBS/1000 GAL FUEL OIL 2 (1) [RULE 2012, 5-6-2005]; NOX: 47.75 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV FUEL OIL (5) [RULE 407, 4-2-1982]	B75.1, D332.1, E113.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits  
\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 14: EXTERNAL COMBUSTION EQUIPMENT</b>					
BOILER, NO. 2, NATURAL GAS, CLEAVER BROOKS, MODEL NO. 760-150, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 6.3 MMBTU/HR WITH A/N: 247231  BURNER, NATURAL GAS, INDUSTRIAL COMBUSTION, MODEL NO. LND-845, WITH LOW NOX BURNER, 6.3 MMBTU/HR	D98		NOX: PROCESS UNIT**	CO: 400 PPMV NATURAL GAS (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 47.75 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D332.1, E113.1
BOILER, NO. 3, FUEL OIL NO. 2, NATURAL GAS, CLEAVER-BROOKS, MODEL NO. CB 700-300, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 10.5 MMBTU/HR WITH A/N: 228963  BURNER, FUEL OIL NO. 2, NATURAL GAS, INDUSTRIAL COMBUSTION, MODEL NO. LND-145, WITH LOW NOX BURNER, 10.5 MMBTU/HR	D99		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 36 PPMV FUEL OIL 2 (3) [RULE 2012, 5-6-2005]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV FUEL OIL (5) [RULE 407, 4-2-1982]	B75.1, D328.1, E113.1
<b>Process 15: INTERNAL COMBUSTION EQUIPMENT</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 15: INTERNAL COMBUSTION EQUIPMENT</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, HUPP(HERCULES), MODEL NO. G3400, 60 HP A/N: 193739	D109		NOX: PROCESS UNIT**	<b>NOX:</b> 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; <b>PM:</b> (9) [RULE 404, 2-7-1986]	C1.17, D12.4, D135.1, K48.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, WAUKESHA, MODEL NO. 95024A, 230 HP A/N: 193737	D112		NOX: LARGE SOURCE**	<b>NOX:</b> 884 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; <b>PM:</b> (9) [RULE 404, 2-7-1986]	C1.17, D12.4, E114.1, K48.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3208T (150 KW), WITH TURBOCHARGER, 240 BHP A/N: 501171	D201		NOX: PROCESS UNIT**	<b>NOX:</b> 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; <b>PM:</b> (9) [RULE 404, 2-7-1986]	B61.1, B61.2, D12.4, E448.1, H23.6, K67.11
<b>Process 16: TEST CELL</b>					
TEST CELL, TURBINE, NO. 3 A/N:	D124	C132	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407, 4-2-1982]; <b>NOX:</b> 67.8 LBS/1000 GAL FUEL OIL (1) [RULE 2012, 5-6-2005]; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; <b>SOX:</b> 500 PPMV (5) [RULE 407, 4-2-1982]	C1.8, C1.9, C1.10, C1.13, C1.14, C1.15
TEST CELL, TURBINE, NO. 4 A/N:	D125	C133	NOX: PROCESS UNIT**	<b>CO:</b> 2000 PPMV (5) [RULE 407, 4-2-1982]; <b>NOX:</b> 67.8 LBS/1000 GAL FUEL OIL (1) [RULE 2012, 5-6-2005]; <b>PM:</b> 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; <b>SOX:</b> 500 PPMV (5) [RULE 407, 4-2-1982]	C1.8, C1.10, C1.11, C1.14, C1.15, C1.16

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 16: TEST CELL</b>					
TEST CELL, TURBINE, NO. 5 A/N:	D126	C134	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 67.8 LBS/1000 GAL FUEL OIL (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	C1.8, C1.9, C1.10, C1.13, C1.14, C1.15, C1.19, C1.20
TEST CELL, TURBINE, NO. 6 A/N:	D127	C135	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 67.8 LBS/1000 GAL FUEL OIL (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	C1.8, C1.9, C1.10, C1.13, C1.14, C1.15
TEST CELL, TURBINE, NO. 7 A/N:	D128	C136	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 67.8 LBS/1000 GAL FUEL OIL (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	C1.8, C1.9, C1.10, C1.13, C1.14, C1.15, C1.22, C1.23
AFTERBURNER, NATURAL GAS, 1 MMBTU/HR A/N: 256640	C132	D124	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.6, D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 16: TEST CELL</b>					
AFTERBURNER, NATURAL GAS, 1 MMBTU/HR A/N: 256641	C133	D125	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.6, D323.1
AFTERBURNER, NATURAL GAS, 1 MMBTU/HR A/N: 341834	C134	D126	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.6, D323.1
AFTERBURNER, NATURAL GAS, 1 MMBTU/HR A/N: 256643	C135	D127	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.6, D323.1
AFTERBURNER, NATURAL GAS, 1 MMBTU/HR A/N: 362268	C136	D128	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.6, D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 16: TEST CELL</b>					
TEST CELL, FUEL PROCESSOR, JET FUEL (JP4), WITH TURBINE A/N: 376901	D204	C206	NOX: PROCESS UNIT**	CO: 2000 PPMV JP4 (5) [RULE 407, 4-2-1982]; NOX: 20 LBS/1000 GAL JP4 (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B59.4, C1.27
TEST CELL, FUEL PROCESSOR, JET FUEL (JP4), WITH TURBINE A/N: 376904	D205	C206	NOX: PROCESS UNIT**	CO: 2000 PPMV JP4 (5) [RULE 407, 4-2-1982]; NOX: 20 LBS/1000 GAL JP4 (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B59.4, C1.27
FLARE, WITH A PILOT BURNER, NATURAL GAS A/N: 376902	C206	D204 D205	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.26, C8.11
TEST CELL, FUEL PROCESSOR, WITH EIGHT ELECTRICAL HEATERS, 192 KW EACH, FOR TESTING TURBOMACHINE CONSISTING OF A TURBINE AND A COMBUSTOR BURNING JP FUEL A/N: 409280	D207		NOX: PROCESS UNIT**	CO: 2000 PPMV JP4 (5) [RULE 407, 4-2-1982]; NOX: 12 LBS/1000 GAL JP4 (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV JP4 (5) [RULE 407, 4-2-1982]	C1.29, D323.3, E71.5, K67.8
<b>Process 19: MISCELLANEOUS EQUIPMENT</b>					
PLASMA ARC CUTTER, ARC CUTTING TORCH, 1.25 HP A/N: 330084	D195			PM: (9) [RULE 405, 2-7-1986]	B59.2, C1.21, D323.3

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 19: MISCELLANEOUS EQUIPMENT</b>					
PLASMA ARC CUTTER, HYPER THERM, MODEL NO. MAX 200, SERIAL NO. 200-197, WITH DOWNDRAFT TORCH CUTTING TABLE AND EXHAUST, 30 KWH A/N:	D199	C200		PM: (9) [RULE 405, 2-7-1986]	B59.3, D323.1
BAGHOUSE, CARTRIDGE FILTER, DUST HOG, MODEL SBD 12-3-H55, 3720 SQ.FT.; 12 CARTRIDGE A/N: 351836	C200	D199		PM: (9) [RULE 404, 2-7-1986]	D322.4, D381.1, E102.1, K67.4
CUTTER, LASER, ROFIN-SINAR, MODEL NO. RS-1200 SM, 1200W, WITH A TORCH CUTTING TABLE, IN A PERMANENT TOTAL ENCLOSURE, 26 FT 9 IN L. X 15 FT 3 IN W. X 12 FT H. A/N: 497492	D230	C231		PM: (9) [RULE 405, 2-7-1986]	B59.15, D323.3
DUST COLLECTOR, TORIT, MODEL NO. DFO 4-48, WITH 48 CARTRIDGE FILTERS, 14 IN DIA. X 26 IN L., 9120 SQ. FT. TOTAL FILTER AREA, 40 H.P. EXHAUST FAN, AND A PULSE JET CLEANER A/N: 512708	C231	D230		PM: (9) [RULE 404, 2-7-1986]	C10.3, D322.4, D381.1, E102.1, K67.4
<b>Process 20: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULE</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E192			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.2
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E193			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 20: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULE</b>					
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E194			HAP: (10) [40CFR 63 Subpart GG, 12-8-2000]; VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	H23.3
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, SCAQMD RULE 1146.2 TYPE 2	E209			CO: 400 PPMV NATURAL GAS (5) [RULE 1146.2, 5-5-2006]; CO: 2000 PPMV NATURAL GAS (5A) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (5A) [RULE 1146.2, 5-5-2006]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E210				H23.4
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E211				H23.5
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E212			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.4, D381.2, E102.1, K67.4

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
(3) Denotes RECLAIM concentration limit  
(5) (5A) (5B) Denotes command and control emission limit  
(7) Denotes NSR applicability limit  
(9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate  
(4) Denotes BACT emission limit  
(6) Denotes air toxic control rule limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

# **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

## **SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

# **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

## **SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
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D29	1	1	3
D31	1	2	1
D32	1	2	1
D33	1	2	1
D34	2	2	1
D36	2	2	1
D38	2	2	1
D39	2	2	1
D40	3	2	1
D44	4	3	0
D46	4	3	0
D48	4	3	0
D50	4	3	0
D55	5	4	0
D56	5	4	0
D75	5	7	2
D76	5	7	2
C78	8	7	3
C79	8	7	4
C83	5	7	1
D85	9	8	0
D86	9	8	0
D97	10	14	0
D98	11	14	0
D99	11	14	0
D104	8	8	0
D105	9	8	0
D109	12	15	0
D112	12	15	0
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# FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

## SECTION D: DEVICE ID INDEX

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C134	14	16	0
C135	14	16	0
C136	14	16	0
D152	10	8	0
D156	5	7	2
D157	5	7	2
D158	6	7	2
D159	6	7	2
D160	6	7	2
D161	6	7	2
D162	6	7	2
D163	6	7	2
D164	6	7	2
D165	7	7	2
D166	7	7	2
D167	7	7	2
D168	7	7	2
D169	7	7	2
D170	7	7	2
D171	7	7	2
D172	8	7	2
E192	16	20	0
E193	16	20	0
E194	17	20	0
D195	15	19	0
D199	16	19	0
C200	16	19	0
D201	12	15	0
D204	15	16	0
D205	15	16	0
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# FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

## SECTION D: DEVICE ID INDEX

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C222	3	2	3
D223	3	2	3
D224	4	2	3
C225	4	2	3
D226	3	2	3
D227	4	2	3
D228	4	2	3
D229	4	2	3
D230	16	19	0
C231	16	19	0

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

#### FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 833 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound(VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

For the purpose of this condition, the VOC emission limit shall be the total VOC emissions from all equipment and operations at this facility subject to Rule 442.



## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 442, 12-15-2000]**

- F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
  - (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

**[RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

- F14.1 The operator shall not use liquid fuel containing sulfur compounds in excess of 500 ppm by weight.

**[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]**

- F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

**[RULE 431.2, 9-15-2000]**

### **DEVICE CONDITIONS**

#### **A. Emission Limits**

- A63.2 The operator shall limit emissions from this equipment as follows:

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 12 LBS IN ANY ONE DAY

For the purpose of this condition and for exemption under Rule 1132(h)(2), the VOC emissions from this equipment shall be defined as a monthly average for each calendar month, calculated by dividing the total emissions from this equipment for the calendar month by the number of calendar days in that month.

If the records generated after the end of any calendar month show that the VOC emissions from this equipment for the calendar month exceed the emission cap of this condition, the operator shall submit the appropriate applications and achieve compliance pursuant to the requirements specified in Rule 1132.

Exceedance of the VOC emission limit of this condition shall not subject this equipment to New Source Review requirements if the operator complies with all other permit conditions that are applicable to such equipment.

**[RULE 1132(h)(2) - Exemptions, 3-5-2004; RULE 1132(h)(2) - Exemptions, 5-7-2004]**

[Devices subject to this condition : D31, D32, D33, D34, D36, D38]

- A72.1 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 90 percent for ROG during the normal operation of the equipment it vents.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : C79]

#### **B. Material/Fuel Type Limits**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

B59.2 The operator shall not use the following material(s) in this device :

Materials containing any compounds identified as carcinogenic air contaminants in Rule 1401 as amended 12-07-90 except the following: Chromium, max. 25 percent by weight in the alloy. Also, thickness of materials being cut shall not exceed 1/4 inch.

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D195]

B59.3 The operator shall not use the following material(s) in this device :

Materials containing any compounds identified as carcinogenic air contaminants in Rule 1401 as amended 03-12-99, except the following: Stainless Steel with maximum Chromium content 18.5 percent by weight and maximum Nickel content 9.5 percent by weight. Inconel with maximum Chromium content 21.5 percent by weight and maximum Nickel content 61.0 percent by weight. Also, thickness of materials being cut shall not exceed 1.0 inch.

[RULE 1401, 3-12-1999]

[Devices subject to this condition : D199]

B59.4 The operator shall not use the following material(s) in this device :

Materials containing any toxic air contaminants identified in Rule 1401, table I with an effective date of August 18, 2000 or earlier, with the exception of benzene, formaldehyde and PAH

[RULE 1401, 8-18-2000]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D204, D205]

B59.9 The operator shall not use the following material(s) in this device :

Materials containing chromium and chromium compounds.

[RULE 1469.1, 3-4-2005]

[Devices subject to this condition : D31, D32, D34, D36, D39, D40]

B59.11 The operator shall not use the following material(s) in this device :

Materials containing Volatile Organic Compounds (VOC).

Materials containing any toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]**

[Devices subject to this condition : D219]

B59.12 The operator shall not use the following material(s) in this device :

Materials containing more than 93 percent nickel and nickel compounds by weight.

Materials containing toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except nickel and nickel compounds.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D221]

B59.13 The operator shall not use the following material(s) in this device :

Materials containing more than 20 percent nickel or nickel compounds by weight.

Materials containing more than 20 percent copper or copper compounds by weight.

Materials containing toxic air contaminants identified in Rule 1401, Table 1 with an effective date of March 4, 2005 or earlier, except nickel & nickel compounds and copper & copper compounds.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D224]

B59.14 The operator shall not use the following material(s) in this device :

Materials containing chromium and chromium compounds.

This condition shall become effective when the modification of Device D33 as described in Section H of the permit is complete or five weeks from the issuance date of the Title V renewal permit whichever is earlier.

[RULE 1469.1, 3-4-2005]

[Devices subject to this condition : D38]

B59.15 The operator shall not use the following material(s) in this device :

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

Materials containing any toxic air contaminants identified in Rule 1401, Table 1, with an effective date of March 7, 2008 or earlier with the exception of the following: Metal with maximum chromium and chromium compounds content of 30 percent by weight; nickel and nickel compounds with 79.5 percent by weight; copper and copper compounds with 4 percent by weight; manganese and manganese compounds with 3 percent by weight; and lead and lead compounds with 0.35 percent by weight.

The thickness of the materials being cut shall not exceed 0.25 inch.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : D230]

B61.1 The operator shall not use fuel oil containing the following specified compounds:

Compound	weight percent
Sulfur greater than or equal to	0.05

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D201]

B61.2 The operator shall not use fuel oil containing the following specified compounds:

Compound	ppm by weight
Sulfur greater than	15

[RULE 431.2, 9-15-2000]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D201]

B75.1 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

Natural gas curtailment

Maintenance testing

Compliance testing

Emergency

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D97, D99]

#### **C. Throughput or Operating Parameter Limits**

C1.1 The operator shall limit the material processed to no more than 1 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as solvent usage.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D38]

C1.2 The operator shall limit the material processed to no more than 27 gallon(s) per day.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

For the purpose of this condition, material processed shall be defined as coating and solvent usage.

This limit shall be based on the total combined limit for equipment D33 and D34.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D33, D34]

C1.3 The operator shall limit the material processed to no more than 3 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as coating and solvent usage.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D32]

C1.4 The operator shall limit the material processed to no more than 2 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as coating and solvent usage.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D36]

C1.7 The operator shall limit the material processed to no more than 4 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as coating and solvent used in the coating of articles processed in this equipment.



## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D44]

- C1.8 The operator shall limit the operating time to no more than 4 hours in any one calendar year.

For the purpose of this condition, operating time shall be defined as the combined firing time for ammonium nitrate & ammonium perchlorate.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D124, D125, D126, D127, D128]

- C1.9 The operator shall limit the material processed to no more than 1600 pounds in any one calendar year.

For the purpose of this condition, material processed shall be defined as ammonium nitrate.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D124, D126, D127, D128]

- C1.10 The operator shall limit the material processed to no more than 1600 pounds in any one calendar year.

For the purpose of this condition, material processed shall be defined as ammonium perchlorate.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D124, D125, D126, D127, D128]

- C1.11 The operator shall limit the operating time to no more than 20 hours in any one calendar year.

For the purpose of this condition, operating time shall be defined as maximum operating time of this test cell on hydrazine fuel.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D125]

- C1.12 The operator shall limit the material processed to no more than 44.5 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as coating and solvent usage.

This limit shall be based on the total combined limit for equipment D39, D40, D75, and D76.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D39, D40, D75, D76]

- C1.13 The operator shall limit the fuel usage to no more than 84 gallon(s) per day.

For the purpose of this condition, fuel usage shall be defined as the maximum quantity of hydrazine fuel used in this test cell.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D124, D126, D127, D128]

C1.14 The operator shall limit the fuel usage to no more than 3 gallon(s) in any one hour.

For the purpose of this condition, fuel usage shall be defined as JP-4, JP-5 AND JP-8.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D124, D125, D126, D127, D128]

C1.15 The operator shall limit the fuel usage to no more than 21 gallon(s) per day.

For the purpose of this condition, fuel usage shall be defined as JP-4, JP-5 AND JP-8 combined.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D124, D125, D126, D127, D128]

C1.16 The operator shall limit the material processed to no more than 1600 gallon(s) per year.

For the purpose of this condition, material processed shall be defined as ammonium nitrate.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D125]

C1.17 The operator shall limit the operation to no more than 199 hour(s) in any one year.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1110.2, 2-1-2008; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; **RULE 2012, 5-6-2005**]

[Devices subject to this condition : D109, D112]

- C1.19 The operator shall limit the material processed to no more than 300 gallons in any one calendar year.

For the purpose of this condition, material processed shall be defined as hydrogen peroxide.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D126]

- C1.20 The operator shall limit the operating time to no more than 4 hours in any one calendar year.

For the purpose of this condition, operating time shall be defined as firing time with hydrogen peroxide.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D126]

- C1.21 The operator shall limit the operating time to no more than 300 hour(s) in any one month.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 12-7-1990]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D195]

- C1.22 The operator shall limit the material processed to no more than 5 gallons in any one calendar year.

For the purpose of this condition, material processed shall be defined as dimethyl-2-azidoethylamine.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 8-13-1999]

[Devices subject to this condition : D128]

- C1.23 The operator shall limit the operating time to no more than 10 hours in any one calendar year.

For the purpose of this condition, operating time shall be defined as total testing time with dimethyl-2-azidoethylamine.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 8-13-1999]

[Devices subject to this condition : D128]

- C1.26 The operator shall limit the natural gas fuel usage to no more than 9900 cubic feet per day.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the process unit. Record shall be kept of daily fuel usage in cubic feet per day.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C206]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

C1.27 The operator shall limit the material processed to no more than 375 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as JP-4 fuel.

To comply with this condition, the operator shall only use jp-4 fuel in this equipment.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 8-18-2000]**

[Devices subject to this condition : D204, D205]

C1.29 The operator shall limit the material processed to no more than 1200 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as jet fuel used in the combustor of the turbomachine.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the combustor in the turbomachine.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 8-13-1999]**

[Devices subject to this condition : D207]

C1.38 The operator shall limit the operating time to no more than 130 hour(s) in any one year.

For the purpose of this condition, the operating time is the time during which the powder is released from the hopper.

The powder released rate should not exceed 0.38 kg/min.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]**

[Devices subject to this condition : D221]

C1.39 The operator shall limit the operating time to no more than 250 hour(s) in any one year.

For the purpose of this condition, the operating time is the time during which the powder is released from the hopper.

The powder released rate shall not exceed 0.38 kg/min.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]**

[Devices subject to this condition : D224]

C1.40 The operator shall limit the operating time to no more than 250 hour(s) in any one calendar month.

For the purpose of this condition, the operating time is the time during which the powder is released from both the applicators (Devices D221 and D224) combined.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D221, D224]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 800 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

[Devices subject to this condition : D50]

- C6.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 500 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the oven.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

[Devices subject to this condition : D44, D46]

- C6.4 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D32, D36, D38, D39, D40]

- C8.1 The operator shall use this equipment in such a manner that the steam-to-fuel ratio being monitored, as indicated below, is not less than 1 to 1 ratio.

To comply with this condition, the operator shall install and maintain a(n) gauge to accurately indicate the flow rate at the fuel line and the steam line.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2012, 5-6-2005]**



## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D85, D86]

- C8.2 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 50 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the recirculating scrubbing solution.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : C78, C83]

- C8.6 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the combustion chamber.

The operator shall monitor and record the parameter being monitored once every day. The monitoring of the temperature shall be conducted when the basic equipment vented to this device is in operation.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C132, C133, C134, C135, C136]

- C8.10 The operator shall use this equipment in such a manner that the pH being monitored, as indicated below, is not less than 7 of the pH scale.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

To comply with this condition, the operator shall install and maintain a(n) pH meter to accurately indicate the pH of the scrubbing solution.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C78, C83]

- C8.11 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1450 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the combustion chamber.

The operator shall also install and maintain a device to continuously record the parameter being measured.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C206]

- C10.2 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, is maintained between 0.2 and 2.5 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the cartridge filters.

The operator shall determine and record the parameter being monitored once every 1 days.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : C222, C225]

- C10.3 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, is maintained between 0.5 and 5 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the cartridge filters.

The operator shall determine and record the parameter being monitored once every 1 day.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : C231]

#### **D. Monitoring/Testing Requirements**

- D12.4 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

**[RULE 1110.2, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]**

[Devices subject to this condition : D109, D112, D201]

- D12.6 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the flow rate of the fuel.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D152]

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D12.9 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the powder release from the applicator.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D221, D224]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District method	1 hour	Simultaneous inlet and outlet

The test(s) shall be conducted at least once during the life of the permit.

The test shall be conducted no later than September 22, 2013 unless otherwise approved in writing by the District.

The test shall be conducted to determine the VOC emissions using an approved District method to demonstrate compliance with all applicable permit condition(s), rules and regulations.

The operator shall comply with administrative conditions NOs. 9, 10, and 11 of section E of this facility permit

The operator shall submit two complete copies of the source test report specified in condition No.10 of section E of this facility permit to the District Engineering and Compliance Division. The Engineering copy of the report shall be sent to: SCAQMD, Coating, Printing and Aerospace Operations, Attn: AQACS, 21865 Copley Drive, Diamond Bar, CA 91765. The compliance copy of the report shall be sent to: SCAQMD, P.O.Box 4941, Diamond Bar, CA 91765

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : C79]

- D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D109]

- D322.1 The operator shall perform a weekly inspection of the equipment and the integrity of the water curtain.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D31, D33, D34]

- D322.2 The operator shall perform a weekly inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D32, D36, D38, D39, D40]

- D322.4 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C200, E212, C222, C225, C231]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C132, C133, C134, C135, C136, D199, D220, D223, D226, D227, D228, D229]

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.



## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D44, D46, D48, D50, D221, D224]

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a monthly basis, at least, unless the equipment did not operate during the entire monthly period. The routine monthly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D195, D207, D230]

- D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D85, D86, D99, D104, D105, D152]

- D332.1 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least once every five years using a portable analyzer and AQMD-approved test method or, if not available, a non-AQMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D97, D98]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C200, C231]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : E212]

#### **E. Equipment Operation/Construction Requirements**

E71.2 The operator shall only process articles in this equipment using articles that are pre-dried in a drying chamber for two hours which is vented to the carbon adsorber.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D50]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

- E71.3 The operator shall only process articles in this equipment using articles that are pre-dried in a area for two hours which is vented to the carbon adsorber.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D46]

- E71.5 The operator shall only use this equipment to test the turbomachine fired on jet fuel.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D207]

- E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C200, E212, C222, C225, C231]

- E113.1 The operator shall have the burner equipped with a control system to automatically regulate the combustion air, fuel and, if applicable, recirculated flue gas as the boiler load varies. This control system shall be adjusted and tuned at least twice a year according to the manufacturer's specifications to maintain its ability to repeat the same performance at the same firing rate.

**[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008; RULE 2012, 5-6-2005]**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D85, D86, D97, D98, D99, D152]

- E113.2 The operator shall have the burner equipped with a control system to automatically regulate the combustion air, fuel and, if applicable, recirculated flue gas as the boiler load varies. This control system shall be adjusted and tuned at least once a year according to the manufacturer's specifications to maintain its ability to repeat the same performance at the same firing rate.

**[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008; RULE 2012, 5-6-2005]**

[Devices subject to this condition : D104, D105]

- E114.1 The operator shall not use this equipment in conjunction with any utility voluntary demand reduction program.

**[RULE 1304(c)-Offset Exemption, 6-14-1996]**

[Devices subject to this condition : D112]

- E133.1 The operator shall maintain an interlock so that the vacuum pump operates prior to powder release from the applicator and the vacuum pump stays on after the powder releasing stops from the applicator.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D226, D227]

- E145.1 The operator shall ensure that the water curtain completely covers the exhaust section .

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D31, D33, D34]

- E166.1 The operator shall keep all openings from this equipment closed when in use except during inspection, cleaning and charging.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D75, D76]

- E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:  
filter media at least 2 inches thick

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D32, D36, D38, D39, D40]

- E193.1 The operator shall operate and maintain this equipment according to the following requirements:



## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

This equipment shall be regenerated once per day for a period not less than 6 hours.

The operator shall operate and maintain a monitoring system consisting of a flame ionization detector and a data acquisition system to continuously measure and record the hourly rolling average concentration of VOC in ppmv as methane at the carbon bed outlet pursuant to all applicable requirements specified in Section 63.751 of 40 CFR 63 Subpart GG.

The required monitoring system shall be inspected, maintained, and calibrated for drift using two calibration gases at zero and approximately 90 ppmv as methane on a weekly basis in accordance with the manufacturer's specifications using an AQMD approved protocol. The monitoring system shall be adjusted if the calibration drift is 2 ppmv or greater.

This operator shall operate and maintain an interlock system to automatically shut down this equipment when the hourly rolling average concentration of VOC at the carbon bed outlet exceeds 75 ppmv as methane.

For the purpose of this condition, a deviation shall be defined as when the hourly rolling average concentration of VOC at the carbon bed outlet exceeds 75 ppmv as methane during the normal operation of the equipment it serves. The operator shall operate and maintain an audio alarm to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective actions, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective actions taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in Section 63.753 of 40 CFR 63 Subpart GG and Condition Nos. 22 and 23 in Section K of this permit.

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR 63 Subpart GG for a minimum of five years.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 63 Subpart GG, 12-8-2000]**

[Devices subject to this condition : C79]

#### **E448.1 The operator shall comply with the following requirements:**

The engine shall not be operated more than 200 hours in any one year, which includes 20 hours in any one year for maintenance and testing

Operation beyond the allotted time for engine maintenance and testing shall be allowed only in the event of a loss of grid power up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage

In the event as described in the paragraph above, the engine shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect

This engine shall not be used as part of an interruptible service contract in which a facility receives a payment or reduced rates in return for reducing electric load on the grid when requested by the utility or the grid operator

**[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1470, 6-1-2007; RULE 2012, 5-6-2005]**

[Devices subject to this condition : D201]

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

#### **H. Applicable Rules**

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122
VOC	District Rule	109

**[RULE 109, 5-2-2003; RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]**

[Devices subject to this condition : E193]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
PM	District Rule	481
Chromium, Hexavalent	District Rule	1469.1

**[RULE 109, 5-2-2003; RULE 1469.1, 3-4-2005; RULE 481, 1-11-2002]**

[Devices subject to this condition : D31, D32, D33, D34, D36, D38, D39, D40]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

VOC	District Rule	109
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**[RULE 109, 5-2-2003]**

[Devices subject to this condition : D75, D76, E194]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

**[RULE 1418, 9-10-1999]**

[Devices subject to this condition : E210]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1415
VOC	40CFR82, SUBPART	F

**[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]**

[Devices subject to this condition : E211]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart

## FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

Sulfur	District Rule	431.2
compounds		
PM	District Rule	1470

[RULE 1470, 6-1-2007; **RULE 431.2, 5-4-1990**; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D201]

#### **K. Record Keeping/Reporting**

K48.2 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition Number C 1-17

[**RULE 109, 5-2-2003**]

[Devices subject to this condition : D109, D112]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : E192]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the water curtain

the date, time, and results of the inspection

the date, time, and description of any maintenance or repairs resulting from the inspection

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D31, D33, D34]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the filter media

the date, time, and results of the inspection

the date, time, and description of any maintenance or repairs resulting from the inspection

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D32, D36, D38, D39, D40, C200, E212, C222, C225, C231]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

weekly record of pressure drop across the filter media

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D32, D36, D38, D39, D40]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Recirculating liquid flow rate on a daily basis

pH of the scrubbing solution on a daily basis

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C78, C83]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly total jet fuel usage in gallons

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D207]

## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

In addition to recordkeeping requirements of Rule 109, the operator shall keep adequate records for to verify daily quantity of coatings and solvents usage and the VOC content of each material as applied (including water and exempt compounds).

All records required by this permit shall be prepared in a format that is acceptable to the District, retained on the premises for at least five years, and made available to any District representative upon request.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D32, D33, D34, D36, D38]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

A daily operating log for the powder released time in hours shall be maintained., At the end of each month the operator shall total the hours for the month for the powder release time and record it.

All records required by this permit shall be prepared in a format that is acceptable to the District, retained on premises for at least five years, and made available to any District representative upon request.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]**

[Devices subject to this condition : D221, D224]

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



## **FACILITY PERMIT TO OPERATE HONEYWELL INTERNATIONAL INC**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

A log of engine operations documenting the total time the engine is operated each month and the specific reason for operation as: (a) emergency use, (b) maintenance and testing, and (c) other. In addition, for each time the engine is manually started, the log shall include the date of engine operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and the end of the operation

By January 15th of each year, the operator shall the total hours of engine operation for the previous calendar year, and the total hours of engine operation for maintenance and testing for the previous calendar year

All records required by this permit shall be kept in a format that is acceptable to the District, shall be retained on the premises for at least five years and shall be made available to any District representative upon request

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;**  
**RULE 1470, 6-1-2007; RULE 2012, 5-6-2005]**

[Devices subject to this condition : D201]